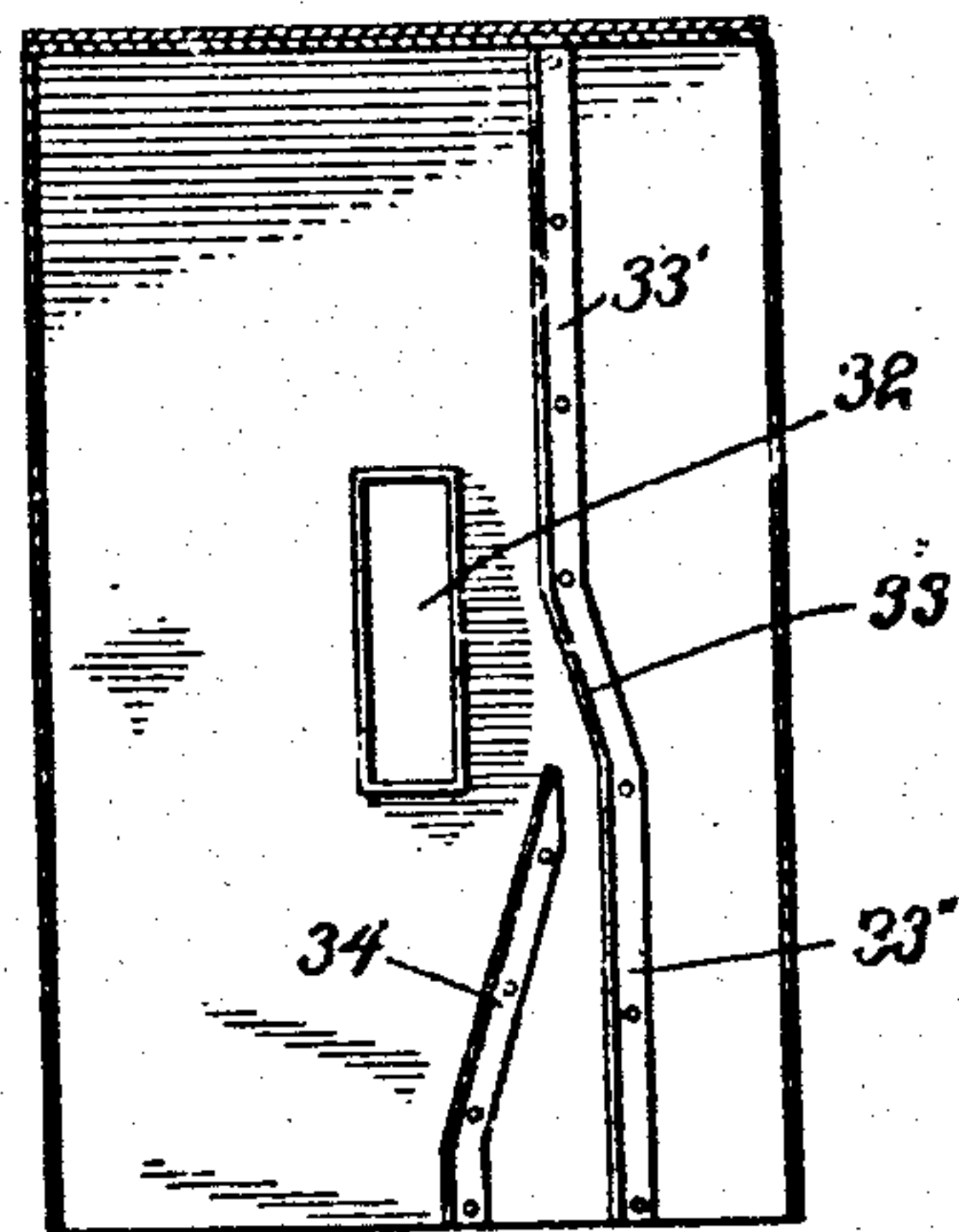
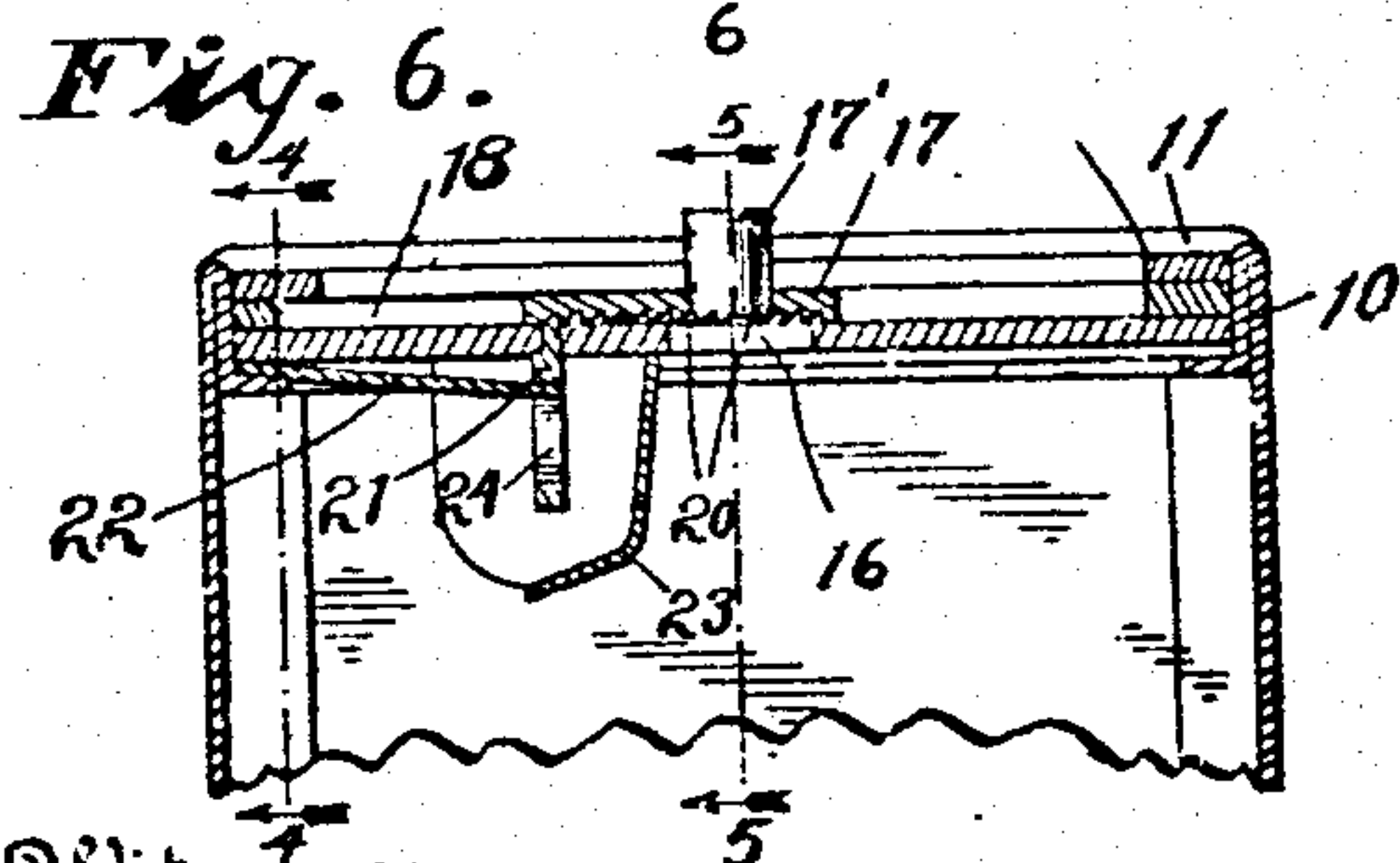
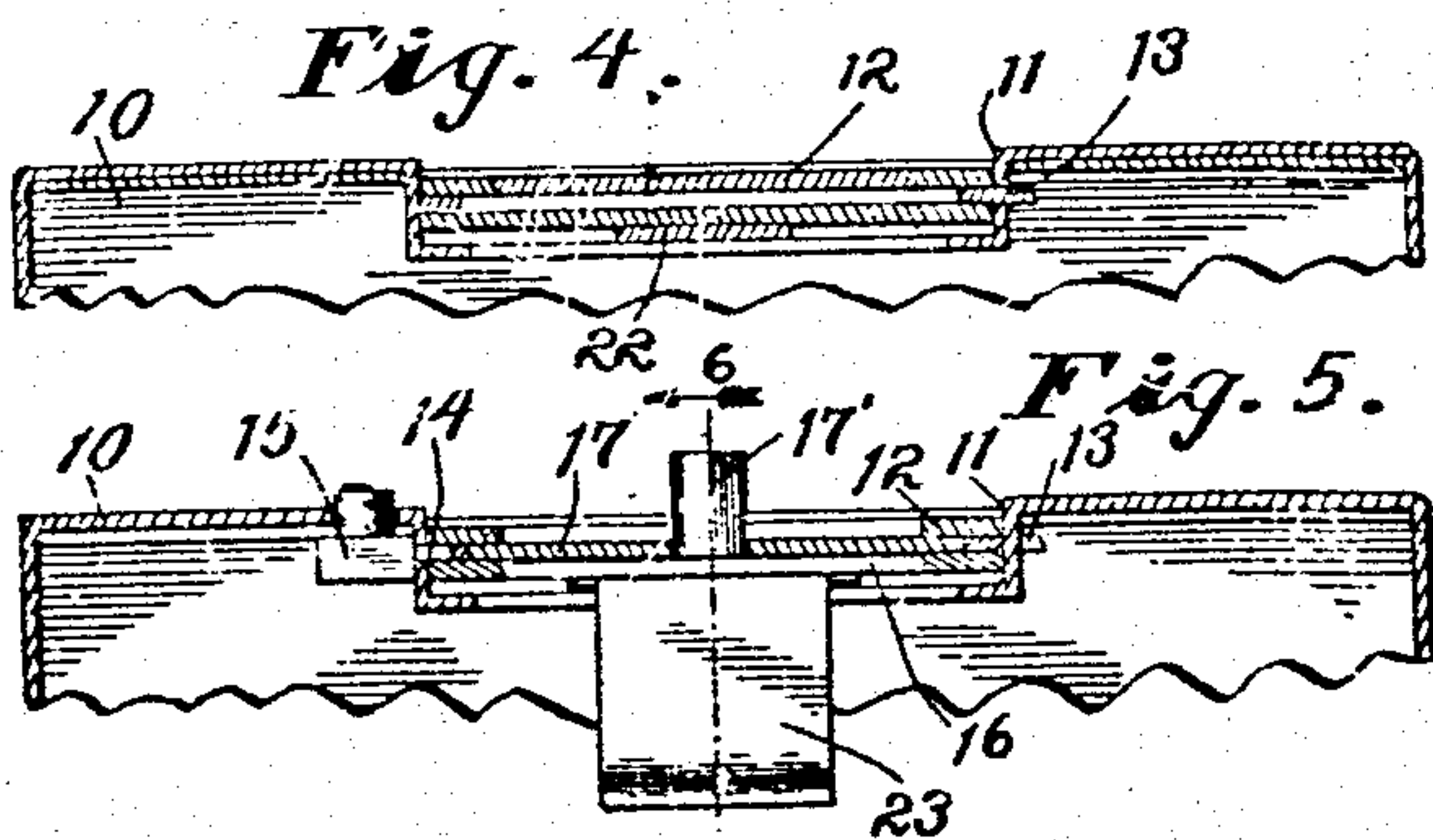
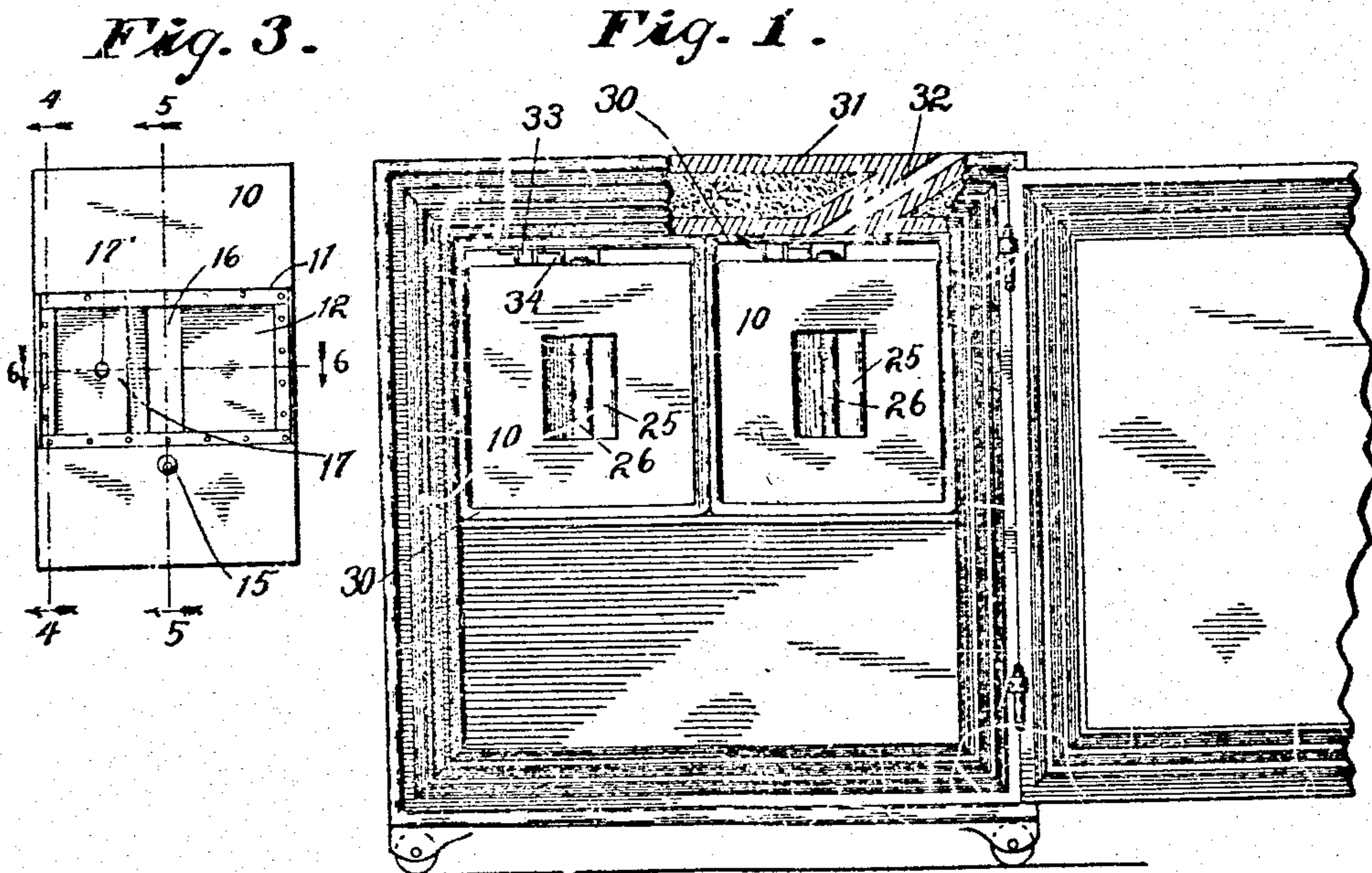


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SAFE.  
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915,999.

Patented Mar. 23, 1909.



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# UNITED STATES PATENT OFFICE.

HARRY W. NEAL, OF INDIANAPOLIS, INDIANA, ASSIGNOR TO A COPARTNERSHIP COMPOSED OF HARRY W. NEAL, WILLARD HARMON, AND CHARLES E. HALL, OF INDIANAPOLIS, INDIANA.

SAFE.

No. 915,999.

Specification of Letters Patent.

Patented March 23, 1909.

Application filed February 13, 1908. Serial No. 415,700.

*To all whom it may concern:*

Be it known that I, HARRY W. NEAL, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Safes, of which the following is a specification.

The object of my invention is to produce an apparatus for the reception of valuable packages of such character that during the entire time of deposit the deposited packages will be securely protected, and also such that when the package receiver is withdrawn from the inclosing safe, said receiver will be automatically closed and locked so that it can not be opened during transportation, but only after presentation to the proper officer.

The mechanism is especially designed for use by transportation companies for the reception and transportation of conductors' reports, but of course is not limited to such use.

The accompanying drawings illustrate my invention.

Figure 1 is a front elevation of the safe constructed in accordance with my entire invention, the safe door being shown open and the receiving chute shown in section, the other mechanism being in receiving position; Fig. 2 is an under plan of the door operating tracks; Fig. 3 a plan on a smaller scale of the portable receptacle; Fig. 4 a section on the scale of Fig. 1, on line 4 4 of Fig. 3; Fig. 5 a section on line 5 5 of Figs. 3 and 6, and Fig. 6 a section on line 6 6 of Figs. 3 and 5.

The portable receptacle comprises a main box 10 having a hand opening 11 in its upper side which opening is in the form of a pocket adapted to receive a cover plate 12 which entirely fills the pocket 11 and closes the same. The cover plate 12 is provided at one edge with a pair of fingers 13 13 adapted to be inserted in openings formed in one vertical wall of pocket 11. At the opposite side of cover plate 12 I form a pocket adapted to receive the bolt 14 of a lock 15 mounted in the receptacle 10. Formed through the middle of the cover plate 12 is a receiving opening 16 adapted to be covered by a sliding gate 17 mounted in suitable ways 18 formed in the plate 12 and said gate 17 is adapted to be thrown either to a position to close opening 16, or to leave the same open. On the underside of gate 17, at right angles to its line of movement, I form a plurality of ratchet notches 20 into which may be projected a

spring catch 21 normally urged inward by a spring 22 which carries the same, the ratchet notches 20 being of such character that the gate may be moved freely toward closing position, but can not move backward except on a withdrawal of the latch 21. In order to prevent a manipulation of this latch from the outside through opening 16 I guard the same by a guard 23 and in order to facilitate retraction of the latch 21 I provide a finger eye 24 by means of which it may be readily retracted. The receptacle 10 is provided at one end with a suitable hand pocket 25 across which extends a pin 26 which may be grasped in the hand in order to carry the receptacle. Receptacle 10 is adapted to be placed in a pocket 30 formed in a suitable safe or other container 31 which has leading down through its top a narrow and inclined chute 32 the lower end of which registers with the opening 16 of the receptacle. Arranged on the upper face of the pocket 30 is a cam track 33 the inner end 33' of which is offset relative to the outer end 33'' by an amount about equal to the diameter of the pin 17' carried by the gate 17 and the outer end 33'' is in substantial alinement with said pin 17' when the gate 17 is entirely open. Arranged adjacent portion 33'' of the cam track 33 is a cam track 34 which is adapted to engage pin 17' when the receptacle 10 is withdrawn and automatically shifts said pin 17', and the gate 17 also, to complete closed position.

The operation is as follows. The receptacle 10 being empty, gate 17 is retracted as much as possible and the cover 12 then placed in position in the pocket 11 of the receptacle and locked therein by means of the fingers 13 and lock 15. The receptacle is placed in this condition by the auditor or other receiving officer and is then sent to the receiving station where it is placed in the pocket 30 of the safe or other container 31. As it is shoved into the position pin 17' is engaged by the cam portion 33 of the cam track and shifted toward closing position but without materially covering the opening 16, and when the container 10 is clear in its opening 16 registers with the inner end of chute 32. The container 31 is then locked and the conductors, as they come in from their runs inclose their receipts in envelopes and deposit the same in chute 32 so that they pass into receptacle 10. The chute 32 is inclined and sufficiently narrow to prevent the entrance



of any person's hand or any fishing tool and may be further protected, if desired, by any common trap door mechanism. When the auditor desires receptacle 10 to be brought 5 to his office a messenger is dispatched who is able to open the container 31 and he grasps handle 26 of receptacle 10 and pulls the same outward. This movement automatically brings pin 17' in engagement with cam track 10 34 and automatically shifts gate 17 to closed position said gate being repeatedly locked as it moves to this position, and when it reaches closed position by the ratchet latch 21 so that before the opening 16 of the receptacle 10 is 15 exposed in any manner by withdrawal of the receptacle it is covered by the gate 17 and access to the receptacle can not be had until plate 12 is withdrawn under the supervision of the proper official.

20 I claim as my invention:

1. The combination with a container, of a receptacle adapted to be inserted in said container and having a receiving opening, a movable gate arranged in conjunction with 25 said receiving opening, cam tracks arranged in the container in position to engage the

gate and shift the same to covering position upon withdrawal of the receptacle from the container, and means for automatically locking the gate in closing position.

2. The combination, with a container, of a receptacle adapted to be inserted therein and having a hand-opening in its top, a cover plate removably mounted in said opening and having a small opening, means for locking said 35 cover plate in position to close the hand-opening of the receptacle, a gate movably mounted on the cover plate and adapted to close the small opening in said cover, and cam-tracks arranged within the container for 40 shifting said gate to closed position upon withdrawal of the receptacle from the container, and means for locking said gate in closed position.

In witness whereof, I have hereunto set 45 my hand and seal at Indianapolis, Indiana, this 28th day of January, A. D. one thousand nine hundred and eight.

HARRY W. NEAL. [L. s.]

Witnesses:

THOMAS W. McMEANS,  
FRANK A. FAHLE.